



Form PTO-1449		Docket No.: 41482-205537		Application No. 09/700,014			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Roger J. Talish and Alan A. Winder					
		Filing Date: December 29, 2000		Group Art Unit			
U.S. PATENT DOCUMENTS							
Examiner Initial		Patent Number	Date	Patentee	Class	Subclass	
		32,782	11/15/88	Pratt, Jr.			
		34,959	05/30/95	Potts			
		3,134,451	05/26/64	Hanssen			
		3,193,034	07/06/65	Hutchinson, et al.			
		3,310,049	03/21/67	Clynes			
		3,433,663	03/18/69	Underwood			
		3,499,437	03/10/70	Balamuth			
		3,550,586	12/29/70	Balamuth			
		3,594,993	07/27/71	Heyse			
		3,701,352	10/31/72	Bosworth			
		3,760,799	09/25/73	Crowson			
		3,767,195	10/23/73	Dimick			
		3,828,769	08/13/74	Mettler			
		3,855,638	12/24/74	Pilliar			
		3,961,380	06/08/76	Garr			
		3,986,212	10/19/76	Sauer			
		4,105,017	08/08/78	Ryaby et al.			
		4,127,125	11/28/78	Takemoto et al.			
		4,164,794	08/21/79	Spector, et al.			
		4,170,045	10/09/79	Estes			
		4,206,516	06/10/80	Pilliar			
		4,216,766	08/12/80	Duykers, et al.			
		4,227,111	10/07/80	Cross, et al.			
		4,233,477	11/11/80	Rice, et al.			
		4,269,797	05/26/81	Mikiya, et al.			
		4,296,753	10/27/81	Goudin			
		4,312,536	01/26/82	Lloyd			
		4,315,503	12/16/82	Ryaby et al.			
		4,351,069	09/28/82	Ballintyn, et al.			
		4,355,428	10/26/82	Deloison, et al.			
		4,358,105	11/09/82	Sweeney, Jr.			
		4,361,154	11/30/82	Pratt, Jr.			
		4,365,359	12/28/82	Raab			
	4,383,533	05/17/83	Bhagat et al.				
	4,421,119	12/20/83	Pratt, Jr.				
	4,440,025	04/03/84	Hayakawa, et al.				
Examiner:				Date Considered: 2/27/04			
EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

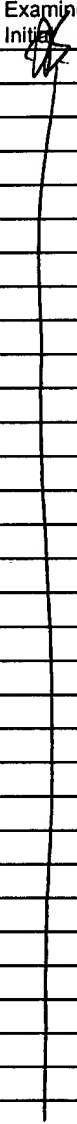

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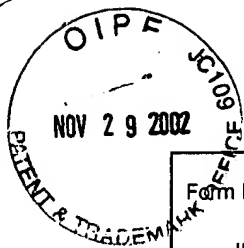
U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass	
	4,446,586	05/08/84	Reed et al.			
	4,452,326	06/05/84	Hanssen, et al.			
	4,476,874	10/16/84	Taenzer et al.			
	4,511,921	04/16/85	Harlan et al.			
	4,536,894	08/27/85	Galante, et al.			
	4,542,539	09/24/85	Rowe, Jr., et al.			
	4,542,744	09/24/85	Barnes et al.			
	4,550,714	11/85	Talish			
	4,556,066	12/03/85	Semrow			
	4,570,640	02/18/86	Barsa			
	4,594,662	06/10/86	Devaney			
	4,612,160	09/16/86	Donlevy, et al.			
	4,630,323	12/23/86	Sage et al.			
	4,644,942	02/24/87	Sump			
	4,677,438	06/30/87	Michiguchi et al			
	4,687,195	08/18/87	Potts			
	4,710,655	12/01/87	Masaki			
	4,770,184	09/13/88	Greene, Jr. et al.			
	4,726,099	02/23/88	Card			
	4,763,661	08/16/88	Sommer et al.			
	4,774,959	10/04/88	Palmer et al.			
	4,782,822	11/08/88	Ricken			
	4,787,070	11/22/88	Suzuki et al.			
	4,792,336	12/20/88	Hlavacek, et al.			
	4,802,477	02/07/89	Gabbay			
	4,830,015	05/16/89	Okazaki			
	4,836,316	06/06/89	Carnevale, et al.			
	4,855,911	08/08/89	Lele et al.			
	4,858,599	08/22/89	Halpern			
	4,867,169	09/19/89	Machida et al.			
4,891,849	01/09/90	Robinson				
4,905,671	03/06/90	Senge et al.				
4,913,157	04/03/90	Pratt, Jr. et al.				
4,926,870	05/22/90	Brandenburger				
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
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U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
	4,932,951	06/12/90	Liboff et al.		
	4,936,303	06/26/90	Detwiler et al.		
	4,941,474	07/17/90	Pratt, Jr.		
	4,947,853	08/14/90	Hon		
	4,979,501	12/25/90	Valchanov et al.		
	4,982,730	01/08/91	Lewis, Jr.		
	4,986,275	01/22/91	Ishida et al.		
	4,993,413	02/19/91	McLeod et al.		
	4,995,883	02/26/91	Demane, et al.		
	5,000,183	03/19/91	Bonnefous		
	5,000,442	03/19/91	Dalebout, et al.		
	5,004,476	04/02/91	Cook		
	5,016,641	05/21/91	Schwartz		
	5,018,285	05/28/91	Zolman, et al.		
	5,046,484	09/10/91	Bassett, et al.		
	5,054,490	10/08/91	Rossman et al.		
	5,067,940	11/26/91	Liboff et al.		
	5,080,672	01/14/92	Bellis		
	5,088,976	02/18/92	Liboff et al.		
	5,099,702	03/31/92	French		
	5,100,373	03/31/92	Liboff et al.		
	5,103,806	04/14/92	McLeod et al.		
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	5,108,452	04/28/92	Fallin		
	5,133,420	07/28/92	Smith		
	5,134,999	08/04/92	Osipov		
	5,139,498	08/18/92	Astudillo Ley		
	5,140,988	08/25/92	Stouffer et al.		
	5,143,069	09/01/92	Kwon et al.		
5,143,073	09/92	Dory			
5,163,598	11/17/92	Peters, et la.			
5,172,692	12/22/92	Kulow et al.			
5,178,134	01/12/93	Vago			
5,181,512	01/26/93	Viebach, et al.			
5,191,880	03/09/93	McLeod et al.			

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	Filing Date: December 29, 2000	Group Art Unit

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass	
JS	5,197,475	03/30/93	Antich et al.			
	5,201,766	04/13/93	Georgette			
	5,209,221	05/11/93	Riedlinger			
	5,230,334	07/27/93	Klopotek			
	5,230,345	07/27/93	Curran, et al.			
	5,230,921	07/27/93	Waltonen, et al.			
	5,235,981	08/17/93	Hascoet et al.			
	5,254,123	10/19/93	Bushey			
	5,259,384	11/09/93	Kaufman et al.			
	5,273,028	12/28/93	McLeod, et al.			
	5,284,143	02/08/94	Rattner			
	5,285,788	02/15/94	Arenson et al.			
	5,295,931	03/22/94	Dreibelbis, et al.			
	5,301,683	04/12/94	Durkan			
	5,307,284	04/26/94	Brunfeldt et al.			
	5,309,898	05/10/94	Kaufman et al.			
	5,310,408	05/10/94	Schryver, et al.			
	5,316,000	05/31/94	Chapelon, et al.			
	5,318,561	06/07/94	McLeod et al.			
	5,318,779	06/07/94	Hakamatsuka, et al.			
	5,322,067	06/21/94	Prater et al.			
	5,323,769	06/28/94	Bommannan, et al.			
	5,327,890	07/12/94	Matura et al.			
	5,330,481	07/19/94	Hood, et al.			
	5,330,489	07/19/94	Green, et al.			
	5,334,214	08/02/94	Putnam			
	5,339,804	08/23/94	Kemp			
	5,340,510	08/23/94	Bowen			
	5,351,389	10/04/94	Erickson et al.			
	5,363,850	11/15/94	Soni et al.			
	5,366,465	11/22/94	Mirza			
	5,367,500	11/22/94	Ng			
	5,376,065	12/27/94	McLeod et al.			
5,380,269	01/10/95	Urso				
5,386,830	02/07/95	Powers et al.				
5,393,296	02/28/95	Rattner				
5,394,878	03/07/95	Frazin et al.				
5,398,290	03/14/95	Brethour				

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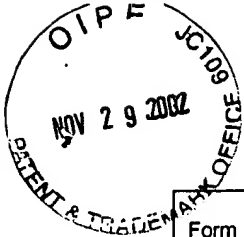
Examiner: *[Signature]*

Date Considered: *2/23/04*

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U.S. PATENT DOCUMENTS							
Examiner Initial		Patent Number	Date	Patentee	Class	Subclass	
		5,400,795	03/28/95	Murphy, et al.			
		5,405,389	04/11/95	Conta, et al.			
		5,409,446	04/25/95	Rattner			
		5,413,550	05/09/95	Castel			
		5,417,215	05/23/95	Evans et al.			
		5,424,550	06/13/95	Kawano et al..			
		5,431,612	07/11/95	Holden			
		5,434,827	07/18/95	Bolorforosh			
		5,441,051	08/15/95	Hileman et al			
		5,441,058	08/15/95	Fareed			
		5,448,994	09/12/95	Iinuma			
		5,460,595	10/24/95	Hall, et al.			
		5,466,215	11/14/95	Lair, et al.			
		5,468,220	11/21/95	Sucher			
		5,476,438	12/19/95	Edrich, et al.			
		5,478,306	12/26/95	Stoner			
		5,492,525	02/20/96	Gibney			
		5,495,846	03/05/96	Uehara et al.			
		5,496,256	03/05/96	Bock et al.			
		5,501,657	03/26/96	Feero			
		5,507,800	04/16/96	Strickland			
		5,507,830	04/16/96	DeMane, et al.			
		5,509,933	04/23/96	Davidson, et al.			
		5,524,624	06/11/96	Tepper, et al.			
		5,526,815	06/18/96	Granz, et al.			
		5,547,459	08/20/96	Kaufman et al.			
		5,578,060	11/26/96	Pohl et al.			
		5,615,466	04/01/97	Safari, et al.			
		5,626,630	05/06/97	Markowitz et al.			
		5,630,837	05/20/97	Crowley			
	5,648,941	07/15/97	King				
	5,656,016	08/12/97	Ogden				
	5,680,863	10/28/97	Hossack, et al.				
	5,690,608	11/25/97	Watanabe, et al.				
	5,691,960	11/25/97	Gentilman, et al.				
	5,699,803	12/23/97	Carodiskey				
Examiner:				Date Considered: 2/23/04			
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U.S. PATENT DOCUMENTS							
Examiner Initial		Patent Number	Date	Patentee	Class	Subclass	
		5,702,353	12/30/97	Guzzini, et al.			
		5,702,389	12/30/97	Taylor, et al.			
		5,706,818	01/13/98	Gondo			
		5,708,236	01/13/98	Shaanan, et al.			
		5,721,400	02/24/98	Haraldsson, et al.			
		5,725,482	03/10/98	Bishop			
		5,728,095	03/17/98	Taylor et al.			
		5,730,705	03/24/98	Talish, et al.			
		5,738,625	04/14/98	Gluck			
		5,741,317	04/21/98	Ostrow			
		5,743,862	04/28/98	Izumi			
		5,755,746	05/26/98	Lifshey, et al.			
		5,762,616	06/09/98	Talish			
		5,779,600	07/14/98	Pape			
		5,785,656	07/28/98	Chiabrera, et al.			
		5,818,149	10/06/98	Safari et al.			
		5,829,437	11/03/98	Bridges			
		5,868,649	02/09/99	Erickson, et al.			
		5,871,446	02/16/99	Wilk			
		5,886,302	03/23/99	Germanton, et al.			
		5,891,143	04/06/99	Taylor et al.			
		5,899,425	05/04/99	Corey Jr., et al.			
		5,904,659	05/18/99	Duarte, et al.			
		5,957,814	09/28/99	Eschenbach			
		5,971,984	10/26/99	Taylor et al.			
		5,997,490	12/07/99	McLeod, et al.			
		6,019,710	02/01/00	Dalebout, et al.			
		6,022,349	02/08/00	McLeod, et al.			
		6,030,386	02/29/00	Taylor et al.			
		6,068,596	05/30/00	Weth, et al.			
		6,080,088	06/27/00	Petersen, et al.			
		6,086,078	07/11/00	Ferez			
		6,093,135	07/25/00	Huang			
		6,165,144	12/26/00	Talish, et al.			
	6,179,797	01/30/01	Brotz				
	6,206,843	03/2001	Iger, et al.				
	6,213,958	04/10/01	Winder				
	6,261,221	07/17/01	Tepper, et al.				
	6,261,249	07/17/01	Talish, et al.				
	6,273,864	08/14/01	Duarte				
	6,360,027	03/19/02	Hossack et al.				
Examiner:				Date Considered: 2/23/02			
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		Filing Date: December 29, 2000		Group Art Unit			
NON U.S. DOCUMENTS							
Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation
		WO 85/03449	08/15/85	PCT			
		2156983A	10/16/85	UK			
		SHO 62[1987]-47359	03/02/87	JAPAN			
		DE 3639263 A1	06/25/87	Germany			
		WO 88/00845	02/11/88	PCT			
		331 348 A1	09/06/89	Europe			
		WO 90/06720	06/28/90	PCT			
		DE 41 11 055 A1	10/10/01	Germany			
		HEI 4[1992]-82567	03/16/92	JAPAN			
		HEI 4[1992]-82568	03/16/92	JAPAN			
		HEI 4[1992]-82569	03/16/92	JAPAN			
		HEI 5[1993]-269159	10/19/93	JAPAN			
		1,328,485	04/12/94	CA			
		WO 94/13411	06/23/94	PCT			
		2277448A	11/02/94	UK			
		WO 95/03744	02/09/95	PCT			
		WO 95/33416	12/14/95	PCT			
		EP 0 695 559	02/07/96	Europe			
		WO 96/25112	08/22/96	PCT			
		WO 96/25888	08/29/96	PCT			
		DE 19613425	01/16/97	Germany			
		WO 97/33649	09/18/97	PCT			
		WO 98/10729	03/19/98	PCT			
		WO 98/34578	08/13/98	PCT			
		WO 98/47570	10/29/98	PCT			
		DE 298 11 185 U1	12/11/98	Germany			
		WO 99/18876	04/22/99	PCT			
		WO 99/22652	05/14/99	PCT			
		WO 00/28925	05/25/00	PCT			
		WO 00/03663*	01/27/00	PCT			
		AU 19950292	02/07/00	Australia			
		WO 00/71207	11/30/00	PCT			
		WO 00/76404	12/21/00	PCT			
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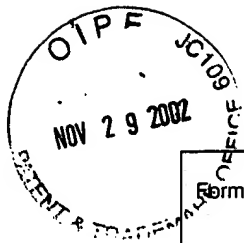
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Form PTO-1449		Docket No.: 41482-205537	Application No.: 09/700,014
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		Filing Date: December 29, 2000	Group Art Unit
OTHER MATERIAL			
Examiner Initial:	Including Author, Title, Date, Pertinent Pages, Etc.		
	ABSTRACT, (Proceedings of the 11 th Int'l. Conference on Medical and Biological Engineering) "ULTRASONIC STIMULATION OF FRACTURE HEALING", 1976.		
	ABSTRACT, (Proceedings of the III Congress on Biomedical Engineering) "ULTRASONIC ACTION ON CALLUS FORMATION IN BONES", 1975.		
	ABSTRACT, (Proceedings of the IV Brazilain Congress on Biomedical Engineering) "ULTRASOUND IN THE TREATMENT OF FRACTURES", 1977.		
	ASTM Designation: D790M-93 Metric, "Standard Test Methods for flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials [Metric]", pp. 176-184, (Dec. 1993).		
	ASTM Designation: C1161-90, "Standard Test Method for Flexural Strength of Advanced Ceramics at Ambient Temperature," pp.324-330.(Feb. 1991)		
	Brochure: "The Science Behind the Technology," distributed by Smith & Nephew for EXOGEN. (no date)		
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	Hill, C.R., "Ultrasonic Exposure Thresholds for Changes in Cells and Tissues", <i>JASA</i> (1972), 52(2): 667-672.		
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket No.: 41482-205537	Application No. 09/700,014
	Applicant: Roger J. Talish and Alan A. Winder	
	Filing Date: December 29, 2000	Group Art Unit

OTHER MATERIAL

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OTHER MATERIAL			
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
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